



Forest Insect & Disease Management

Report No.
79-3-31

AERIAL DETECTION SURVEY OF FOREST INSECT AND DISEASE ACTIVITY, CHOCTAW RANGER DISTRICT AND TIAK RANGER DISTRICT, OUACHITA NATIONAL FOREST

LAND OWNERSHIP OR SURVEY AREA: Choctaw Ranger District & Tiak
Ranger District, Ouachita
STATE: Oklahoma National Forest

AREA WITHIN SURVEY BOUNDARY: Choctaw - 260,000 Acres; Tiak -
145,000 Acres

DATE: August 22, 1979

PERCENT COVERAGE: 50%^{1/}

AIRCRAFT: Cessna 210

CREW: R.F. Bassett, T.P. Russell, G.A. Autry

REPORT PREPARED BY: R.F. Bassett

SURVEY OBJECTIVES

To detect forest insect or disease damage.

SURVEY RESULTS

Choctaw Ranger District - Defoliation of hardwoods was scattered over the District (see map attached). Nothing else except a few dead single trees were spotted.

Tiak Ranger District - Two small spots of recently killed pine were spotted (see map).

CONCLUSIONS

The defoliation on the Choctaw Ranger District was caused by walkingsticks. Typically late season defoliation does not seriously threaten timber. Neither District seemed to have any serious bark beetle problems, however, the two small spots on the Tiak should be checked for current bark beetle activity.

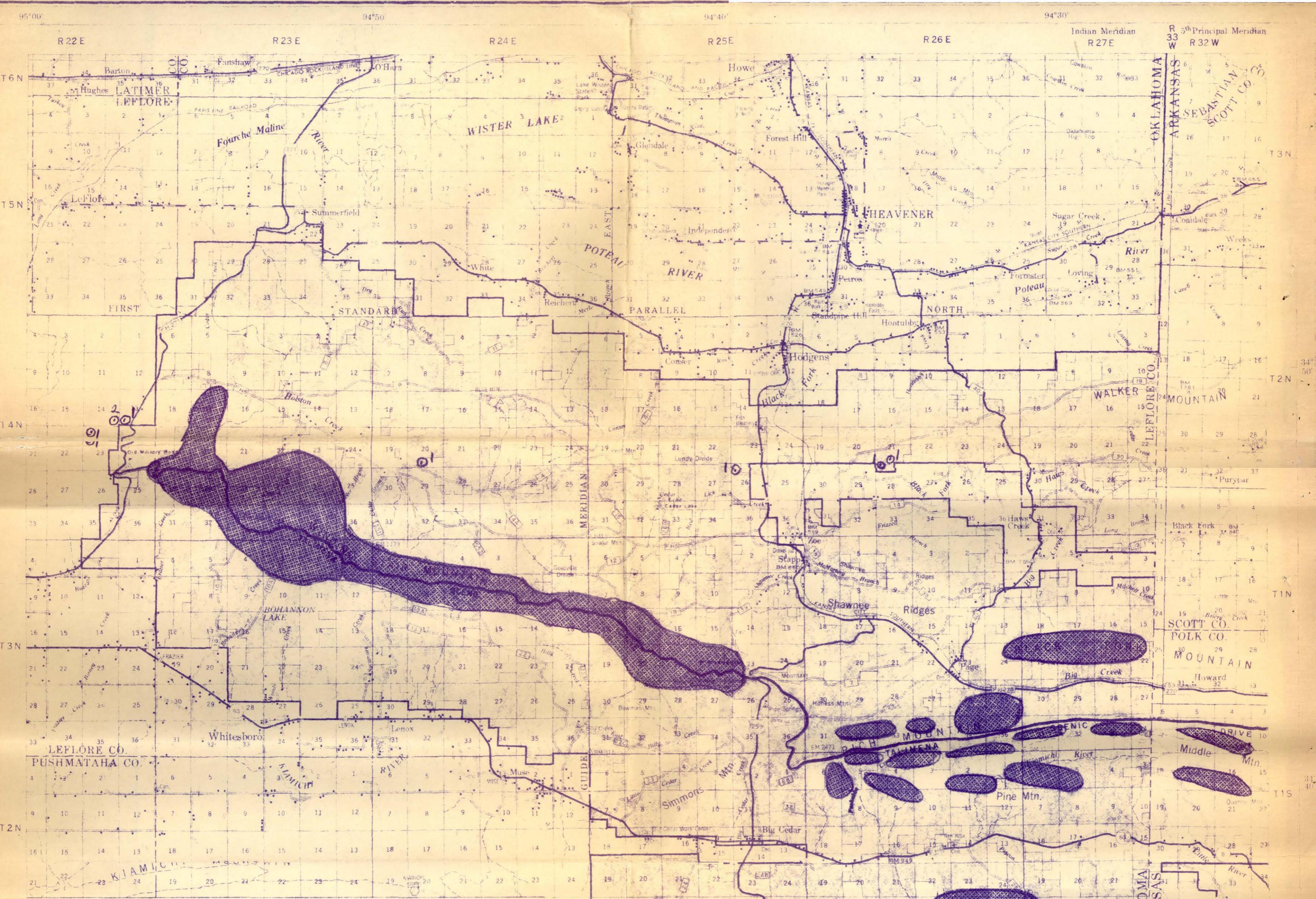
1/ Based on flight lines four miles apart with one mile viewing on each side of aircraft.

Report No. 79-3-31 Cont.

For any additional information, contact:

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3620 Interstate 85, N.E.
Doraville, GA 30340
Telephone: 404-221-4796

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R22E U.S. DEPARTMENT OF AGRICULTURE R23E

FOREST SERVICE
EDWARD P. CLIFF, CHIEF

OUACHITA NATIONAL FOREST
KIAMICHI DIVISION
OKLAHOMA
(INDIAN MERIDIAN)

1964

Scale
1 0 1 2 3 Miles

LEGEND

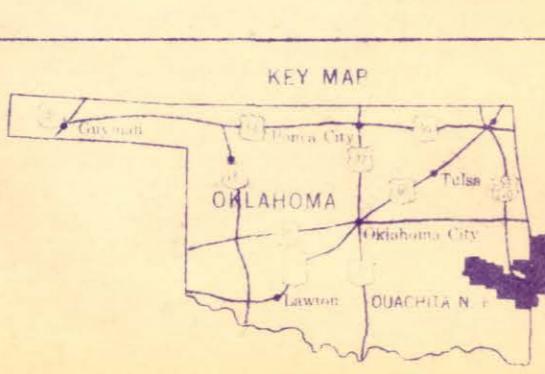
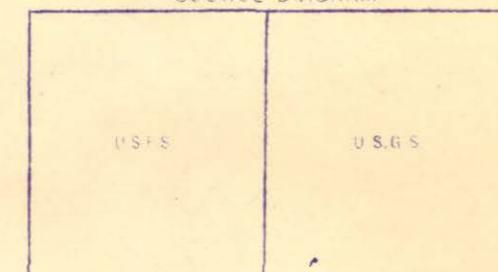
- National Forest Boundary
- Paved Road
- All Weather Road
- Dirt Road
- Primitive Road
- Trail
- Railroad
- Triangulation Station
- Triangulation and Permanent Lookout Station
- Permanent Lookout Station
- Church
- School
- Cemetery
- National Forest Land Acquired or Being Acquired
- Status Revised 1970
- U.S. Highway
- State Highway
- Forest Route
- District Ranger Station
- Fireman or Ranger Station
- Recreation Site

Aerial Detection Survey

August 21, 1979

Doraville Survey Team
RF Bassett, T.P. Russell,
G.A. Autry

SOURCE DIAGRAM



KEY MAP

Oklahoma City

Tulsa

Lawton

Ouachita N.

Enid

Stillwater

Wichita Falls

Ada

Moore

Broken Bow

El Reno

Warr Acres

Del City

Wynona

Spokane

Wichita

Fort Smith

Branson

Springfield

St. Louis

Memphis

Shreveport

Baton Rouge

Mobile

Dothan

Montgomery

Mobile

Mobile</

